

WHAT IS CLAIMED IS:

1. A pump, comprising a main body, a removable cover, an urging plate, and a control knob, wherein:

the main body has a periphery formed with a plurality of catch members each having a distal end forked with a locking hook;

the removable cover is mounted on the main body;

the urging plate is pivotally mounted on the removable cover and has two end portions each pivotally mounted on the periphery of the removable cover and each having a locking portion that is movable by pivot of the urging plate and is detachably locked in the locking hook of a respective one of the catch members of the main body; and

the control knob is rotatably mounted on the urging plate and is urged on a mediate portion of the urging plate by rotation of the control knob.

2. The pump in accordance with claim 1, wherein each of the two end portions of the urging plate has a first end extended from the mediate portion of the urging plate, a mediate portion formed with a pivot ear pivotally mounted on the periphery of the removable cover and a second end formed with the locking portion.

3. The pump in accordance with claim 2, wherein the removable cover has a periphery formed with a plurality of pivot bases, and the pivot ear of each of the two end portions of the urging plate is pivotally mounted on a respective one of the pivot bases of the removable cover.

4. The pump in accordance with claim 3, wherein each of the pivot bases of the removable cover has two spaced support ears, and pivot ear of each of the two end portions of the urging plate is pivotally mounted between the two spaced support ears of a respective one of the pivot bases of the removable cover by a pivot shaft.

5. The pump in accordance with claim 2, wherein a distance between the first end and the pivot ear of each of the two end portions of the urging plate is much greater than that between the pivot ear and the locking portion.

6. The pump in accordance with claim 1, further comprising and an elastic member urged between the removable cover and the urging plate.

7. The pump in accordance with claim 6, wherein the removable cover has a center formed with a nut, and the elastic member is mounted on the nut of the removable cover.

8. The pump in accordance with claim 7, wherein the control knob has a shank extended through the mediate portion of the urging plate and screwed into the nut of the removable cover.

9. The pump in accordance with claim 8, wherein the shank of the control knob is extended through the elastic member.

10. The pump in accordance with claim 8, wherein the shank of the control knob is a threaded rod.

11. The pump in accordance with claim 1, wherein the urging plate is made of a flexible material.

12. The pump in accordance with claim 1, wherein each of the two end portions of the urging plate is substantially U-shaped.

13. The pump in accordance with claim 1, wherein each of the two end portions of the urging plate is substantially Y-shaped.